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#1 ((clock\* and (rout\* or tree\*))<in>metadata)

949

#2 sink and location\* and (blocked or blockage or obstacle) and  
area\*

2360

#3 (center or centroid) and symmetr\*

76415

#4 (sink and location\* and (blocked or blockage or obstacle) and  
area\*)<AND> ((center or centroid) and symmetr\*)

482

#5 ((clock\* and (rout\* or tree\*))<in>metadata)<AND> ((sink and  
location\* and (blocked or blockage or obstacle) and area\*)  
<AND> ((center or centroid) and symmetr\*))

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2169	clock\$3 near tree	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 13:41
S2	9854	level\$4 near (buffer\$4 or driver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:36
S3	2	clock\$4 near floorplan\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 14:15
S4	61655	sink\$2 and ((block\$4 near area) or block\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:37
S5	2942	sink\$2 and ((blocked near area) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:51
S6	2169	clock\$3 near tree	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:38
S7	3	S6 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:38
S8	32	(sink\$2 near locat\$3) and ((blocked near area) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:51
S9	24	S8 and level\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:05

## EAST Search History

S10	0	S9 and root	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 09:52
S11	3628	clock near (rout\$3 or tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:24
S12	417	(sink same locat\$3) and ((blocked adj areas) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:11
S13	3	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:09
S14	2806	(sink) and ((blocked adj areas) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:23
S15	90	S11 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:11
S16	87	S15 and level	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:23
S17	308	(sink) same ((blocked adj areas) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:12
S18	94257	(sink) and ((blocked adj\$3 areas) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:32
S19	3721	clock\$3 near (rout\$3 or tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:25

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S20	311	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:25
S21	173	S20 and level and row and column	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:26
S22	102	S21 and symmetry	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:26
S23	92	S22 and root	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:26
S24	1928	(sink adj3 locat\$3) and ((blocked adj\$3 areas) or blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:36
S25	8	S19 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 11:49
S26	1	("5339253").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/15 11:50
S27	1540	sink near locat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 13:20
S28	1	("5339253").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/15 15:21
S29	1	("5866924").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/15 15:21